

XP-00229609

D5

(C) WPI/Derwent

AN - 1993-408839 [34]

AP - JP19920131349 19920427; JP19920131349 19920427; [Previous Publ.

J05306225]

CPY - TAIY-N

DC - A96 B07

FS - CPI

IC - A61K9/16 ; A61K9/22 ; A61K31/405 ; A61K31/455 ; A61K47/32 ; A61K47/38

MC - A04-D05 A12-V01 B04-C03A B06-D01 B07-D04D B12-M10A B12-M11H

M1 - [01] F011 F012 F423 H2 H211 H7 H713 H721 J5 J521 L9 L941 M210 M212
M273 M281 M320 M423 M431 M510 M521 M530 M540 M782 M903 M904 M910 Q110
Q130 R052 V0 V743; R00546-M R00546-Q

- [02] H5 H521 H8 M210 M212 M272 M281 M320 M423 M431 M782 M903 M904 M910
Q130 R052 V0 V713; R01858-M

- [03] H5 H521 H8 J0 J011 J1 J171 M280 M311 M321 M342 M381 M391 M423
M431 M630 M782 M903 M904 M910 Q130 R052 V0 V713; R07352-M

- [04] H4 H401 H481 H7 H713 H721 M210 M212 M272 M281 M320 M423 M431 M510
M520 M530 M540 M782 M903 M904 M910 Q110 Q130 R052 V0 V743; R21380-M
R21380-Q

- [06] G011 G100 H4 H401 H481 H5 H521 H522 H8 J0 J012 J1 J131 J171 J2
J221 M1 M123 M136 M210 M211 M212 M262 M272 M280 M281 M311 M312 M313
M321 M332 M342 M381 M382 M383 M391 M423 M431 M531 M782 M903 M904 Q130
R052 V712 V713; R03005-M R06563-M R16918-M R16919-M R16922-M

- [08] H5 H521 H8 M210 M211 M272 M281 M320 M423 M431 M782 M903 M904 M910
Q130 R052 V0 V713; R01860-M

M2 - [05] D014 D022 D601 G013 G100 H2 H211 H5 H541 H6 H602 H641 H8 J0 J012
J1 J171 J3 J331 M210 M211 M240 M272 M281 M311 M321 M342 M372 M391 M412
M431 M511 M520 M531 M540 M782 M903 M904 M910 Q130 R052; R00076-M

- [07] F012 F013 F014 F015 F016 F432 G011 G100 H3 H341 J0 J012 J2 J212
M1 M113 M210 M211 M240 M272 M282 M320 M431 M510 M521 M531 M540 M782
M903 M904 Q130 R052; R03027-M

M6 - [09] M903 Q110 Q130 R052 R111 R320

PA - (TAIY-N) TAIYO YAKUHIIN KOGYO KK

PN - JP5306225 A 19931119 DW199351 A61K31/455 007pp

- JP2516524B2 B2 19960724 DW199634 A61K31/455 007pp

PR - JP19920131349 19920427

XA - C1993-181902

XIC - A61K-009/16 ; A61K-009/22 ; A61K-031/405 ; A61K-031/455 ; A61K-047/32 ;
A61K-047/38

AB - J05306225 The preparation comprises non-crystallisation of sparingly
soluble crystal drug with bridged insoluble polyvinyl-pyrrolidone, and
has sustained release activity.

- Bridged polyvinylpyrrolidone is Kollicon (RTM) an Polyplasdone (RTM)
Non-crystalliation of the drugs is carried out by mix-grinding method,
i.e. the drug and bridged polyvinylpyrrolidone are added into a
grinder, and mixed thoroughly. The amt. of bridged
polyvinylpyrrolidone to crystal drug is 0.1-1000 fold by wt., pref.
0.5-10 fold by wt. Sustained release base is ethyl cellulose,
hydroxypropyl(methyl)cellulose (phthalate), hydroxypropyl
methylcellulose acetate succinate, carboxymethylethyl cellulose,
methyl cellulose, carboxymethyl cellulose sodium,
polyvinylpyrrolidone, polyvinyl alcohol, etc. The amt. of sustained

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release base to the whole prepn. is 1-70 wt.% The prepn. can be formulated into tablets, (fine) granules and capsules.

- USE/ADVANTAGE - Insoluble and crystal drugs such as nifedipine and indomethacin can be easily non-crystallised without using organic solvent, giving sustained releasing activity. (Dwg.0/0)

AW - PVP

AKW - PVP

CN - R00546-M R00546-Q R01858-M R07352-M R21380-M R21380-Q R03005-M R06563-M R16918-M R16919-M R16922-M R01860-M R00076-M R03027-M

IW - PREPARATION PROLONG SUSTAINED RELEASE ACTIVE CONTAIN SPARING SOLUBLE

CRYSTAL DRUG MADE NON CRYSTAL ADD BRIDGE POLYVINYL PYRROLIDONE SUSTAINED RELEASE BASE

IKW - PREPARATION PROLONG SUSTAINED RELEASE ACTIVE CONTAIN SPARING SOLUBLE

CRYSTAL DRUG MADE NON CRYSTAL ADD BRIDGE POLYVINYL PYRROLIDONE SUSTAINED RELEASE BASE

NC - 001

OPD - 1992-04-27

ORD - 1993-11-19

PAW - (TAIY-N) TAIYO YAKUHI KOGYO KK

TI - Preparation with prolonged sustained release activity - contains sparingly soluble crystalline drugs made non-crystalline by addn. of bridged polyvinyl pyrrolidone and sustained release base

A01 - [001] G0635 G0022 D01 D12 D10 D23 D22 D31 D41 D51 D53 D58 D86 F71 ;

H0000 ; M9999 M2073 ; S9999 S1503 S1456 ; S9999 S1401-R ;

- [002] ND01 ; Q9999 Q7250 ; Q9999 Q8037 Q7987 ; N9999 N6439 ; N9999 N6155 ; Q9999 Q7523 ;

- [003] B9999 B3452-R B3372 ;

A02 - [001] R01858 G3678 G3634 D01 D03 D11 D10 D23 D22 D31 D42 D50 D92 F24 F34 H0293 P0599 G3623 ; R01860 G3678 G3634 D01 D03 D11 D10 D23 D22

D31 D42 D50 D89 F24 F34 H0293 P0599 G3623 ; R07352 R06717 G3678 G3634 G3623 D01 D03 D11 D10 D23 D22 D31 D42 D50 D61 D92 F24 F34 F38 F35 Na

1A H0293 P0599 ; R03005 G3678 G3634 D01 D03 D11 D10 D23 D22 D31 D42

D50 D93 F24 F29 F26 F34 H0293 P0599 G3623 ; R06563 G3678 G3634 G3623 P0599 D01 D03 D11 D10 D23 D22 D31 D42 D50 F24 F26 F34 H0293 ; S9999

S1503 S1456 ; S9999 S1401-R ;

- [002] P1707 P1694 ; S9999 S1503 S1456 ; S9999 S1401-R ;

- [003] G0635 G0022 D01 D12 D10 D23 D22 D31 D41 D51 D53 D58 D86 F71 ; H0000 ; S9999 S1503 S1456 ; S9999 S1401-R ;

- [004] G3690 G3634 G3623 P0599 D01 D03 D11 D23 D42 D63 F24 F34 H0293 E11 E00 E19 ; S9999 S1503 S1456 ; S9999 S1401-R ;

- [005] G3689 G3678 G3634 D01 D03 D11 D10 D23 D22 D42 F24 F34 H0293 P0599 G3623 D31 D50 D60 F38 F35 D93 ; S9999 S1503 S1456 ; S9999 S1401-R ;

- [006] ND01 ; Q9999 Q7250 ; Q9999 Q8037 Q7987 ; N9999 N6439 ; N9999 N6155 ; Q9999 Q7523 ;